# CARLITO SPRINGS OPEN SPACE SPRING BOX

RFB # 0018-14-AM

# BERNALILLO COUNTY, NEW MEXICO PREPARED BY: INTERA INC.

IN COOPERATION WITH: CHAVEZ-GRIEVES CONSULTING ENGINEERS; LARRY D. READ & ASSOCIATES, INC.; MORROW REARDON WILKINSON MILLER LTD., LANDSCAPE ARCHITECTS

# PREPARED FOR: BERNALILLO COUNTY PARKS AND RECREATION DEPARTMENT

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# **GENERAL NOTES**

- 1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS PRIOR TO START OF CONSTRUCTION
- 2. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 3. THE CONTRACTOR SHALL NOT PROCEED WITH CONSTRUCTION AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS THAT FIELD CONDITIONS ARE DIFFERENT THAN SHOWN IN THE DESIGN. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY AND EXPENSE FOR ANY NECESSARY
- 4. THE SPRING BOX AND APPURTENANT FEATURES SHALL BE CONSTRUCTED IN MATERIAL CONFORMANCE TO THE DRAWINGS ANY VARIATION FROM THE APPROVED DESIGN SHALL BE MADE ONLY AFTER DOCUMENTED APPROVAL FROM THE ENGINEER.
- 5. AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL CLEAN AND PICK UP THE WORK AREA. AT NO TIME SHALL THE WORK BE LEFT IN A MANNER THAT COULD ENDANGER WORKERS, LIVESTOCK, WILDLIFE, OR THE PUBLIC.
- 6. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO PROJECT PLANS, AS AMENDED AND REVISED BY THE ENGINEER. ALL DETAILS SHOULD BE CONSIDERED APPROXIMATE OF ACTUAL CONDITIONS, AND MAY BE CHANGED TO BETTER FIT THE ACTUAL CONDITIONS UPON THE DIRECTION BY THE ENGINEER.
- 7. THE ENGINEER HAS COMPLETED THE DESIGN FOR THE SPRING BOX SO THAT EXISTING SITE FEATURES ARE MINIMALLY DISTURBED. IN CONSIDERATION OF NOTE 9 ON THIS SHEET, THE CONTRACTOR IS RESPONSIBLE FOR REPAIR OF EXCESSIVELY DISTURBED OR DESTROYED EXISTING AND ESTABLISHED VEGETATION. THE CONTRACTOR SHALL ALSO EMPLOY MEANS AND METHODS OF CONSTRUCTION SO THAT THE EXISTING SITE FEATURES ARE MINIMALLY DISTURBED AND THE SITE MAINTAINS THE MATURE LOOK OF THE EXISTING SPRING SITE FEATURES.
- 8. A TRAIL CONSTRUCTION PROJECT PERFORMED UNDER SEPARATE CONTRACT MAY OCCUR CONCURRENTLY WITH THIS WORK AT A DIFFERENT LOCATION AT THE CARLITO SPRINGS OPEN SPACE. WHILE THAT PROJECT WILL NOT OCCUPY THE SAME SITE AS THIS WORK, THE OWNER EXPECTS BOTH CONTRACTORS TO WORK COOPERATIVELY TO NO IMPEDE ROAD ACCESS TO EITHER WORK SITE.

- 9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR SAFE WORKING CONDITIONS IN CONFORMANCE WITH OSHA REQUIREMENTS. THE ENGINEER HAS COMPLETED A DESIGN THAT RESULTS IN STABLE FINAL SITE CONDITIONS, BUT IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN SAFE WORKING CONDITIONS, USING APPROPRIATE MEANS AND METHODS OF CONSTRUCTION, AND IN CONSIDERATION OF A VERY TIGHT WORKING AREA AND STEEP SLOPES SURROUNDING THE EXISTING SPRING FACE. THE CONTRACTOR SHALL NOTIFY AND WORK WITH THE OWNER AND ENGINEER IN THE EVENT THERE IS CONFLICT BETWEEN MEETING THESE REQUIREMENTS AND THE REQUIREMENTS OF NOTES 7, 11 AND 13 ON THIS SHEET, TO ENSURE A SAFE WORKING ENVIRONMENT DURING CONSTRUCTION.
- 10. IN EXECUTION OF CONSTRUCTION, CONTRACTOR AND ANY SUBCONTRACTORS SHALL BE DILIGENT IN MAINTAINING ESTABLISHED VEGETATION AT THE SITE, AND SHALL NOT EXCAVATE, CLEAR, GRUB, OR OTHERWISE DISTURB AREAS THAT ARE NOT THE IMMEDIATE FOCUS OF THIS CONSTRUCTION PLAN. CONTRACTOR SHALL BE RESPONSIBLE FOR RECLAMATION (RE-SEEDING) OF ANY AREAS DEEMED BY OWNER AND/OR ENGINEER TO BE EXCESSIVELY DISTURBED BY THE CONTRACTOR DURING SPRING BOX CONSTRUCTION.
- 11. A LIMITED SUBSURFACE SOIL INVESTIGATION HAS BEEN CONDUCTED, AND THE 30% DESIGN DEVELOPMENT REPORT (30% DDR), INCLUDED AS ATTACHMENT A TO THE SPECIFICATIONS WHICH CONTAINS SPECIFIC INFORMATION ABOUT SUBSURFACE CONDITIONS AT THE SITE IS AVAILABLE FOR EXAMINATION BY THE CONTRACTOR. APPENDIX A OF THE 30% DDR, "TEST PIT LOGS, PHOTOGRAPHS, AND GEOTECHNICAL LABORATORY REPORT" INCLUDES THIS INFORMATION. THE CONTRACTOR MAY REFERENCE OTHER SECTIONS OF THE 30% DDR FOR USEFUL INFORMATION. IN PARTICULAR, SECTION 3.1 "GEOTECHNICAL" MAY BE REFERENCED, BUT IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM FIELD CONDITIONS PRIOR TO CONSTRUCTION.
- 12. THE CONTRACTOR SHALL IN NO WAY DISTURB OR ALTER ANY WATER COURSE ON OR ADJOINING THE JOB SITE EXCEPT AS NOTED IN THE DRAWINGS. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY UNAUTHORIZED DISTURBANCE OR ALTERATION OF ANY WATER COURSE TO THE BERNALILLO COUNTY PARKS AND RECREATION DEPARTMENT.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE CONDITION OF ALL ACCESS ROADS DURING CONSTRUCTION AND ANY DAMAGE MUST BE REPAIRED WHEN CONSTRUCTION IS COMPLETED BY THE CONTRACTOR AT NO ADDITIONAL COST TO BERNALILLO COUNTY.
- 14. THE CONTRACTOR SHALL NOT ALLOW ANY LITTER, CONSTRUCTION DEBRIS, OR POLLUTANTS TO ENTER ANY WATER COURSE ON THE JOB

- 15. WILDLIFE, INCLUDING BLACK BEAR (ESPECIALLY DURING THE FALI MONTHS), ARE KNOWN TO FREQUENT THE JOB SITE. RATTLESNAKES HAVE BEEN NOTED TO BE PRESENT IN AND AROUND THE SPRINGHEAD THE CONTRACTOR IS RESPONSIBLE FOR ALL WORKER SAFETY AT THE SITE
- 16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FOR DIVERSION OF SPRINGFLOW AROUND THE CONSTRUCTION AREAS AS REQUIRED UNTIL CONSTRUCTION IS COMPLETED AND THE SPRING BOX IS FUNCTIONAL. IN CONSIDERATION OF NOTES 11 AND 13 ON THIS SHEET, THE CONTRACTOR SHALL WORK WITH THE OWNER AND ENGINEER TO DEVELOP AND IMPLEMENT REQUIRED DIVERSION MEASURES. WATER DIVERTED FROM THE SPRING FOR CONSTRUCTION MUST RE-ENTER THE SPRING CHANNEL DOWNSTREAM OF THE WORK AREA. IT IS ACCEPTABLE TO TEMPORARILY CUT OFF SUPPLY TO THE CISTERN DURING CONSTRUCTION. IN ACCORDANCE WITH THE SPECIFICATIONS, CONTRACTOR SHALL SUBMIT TO ENGINEER FOR APPROVAL A SHOP DRAWING DETAILING A PLAN TO DIVERT SPRING FLOW AROUND THE CONSTRUCTION AREA AS REQUIRED.

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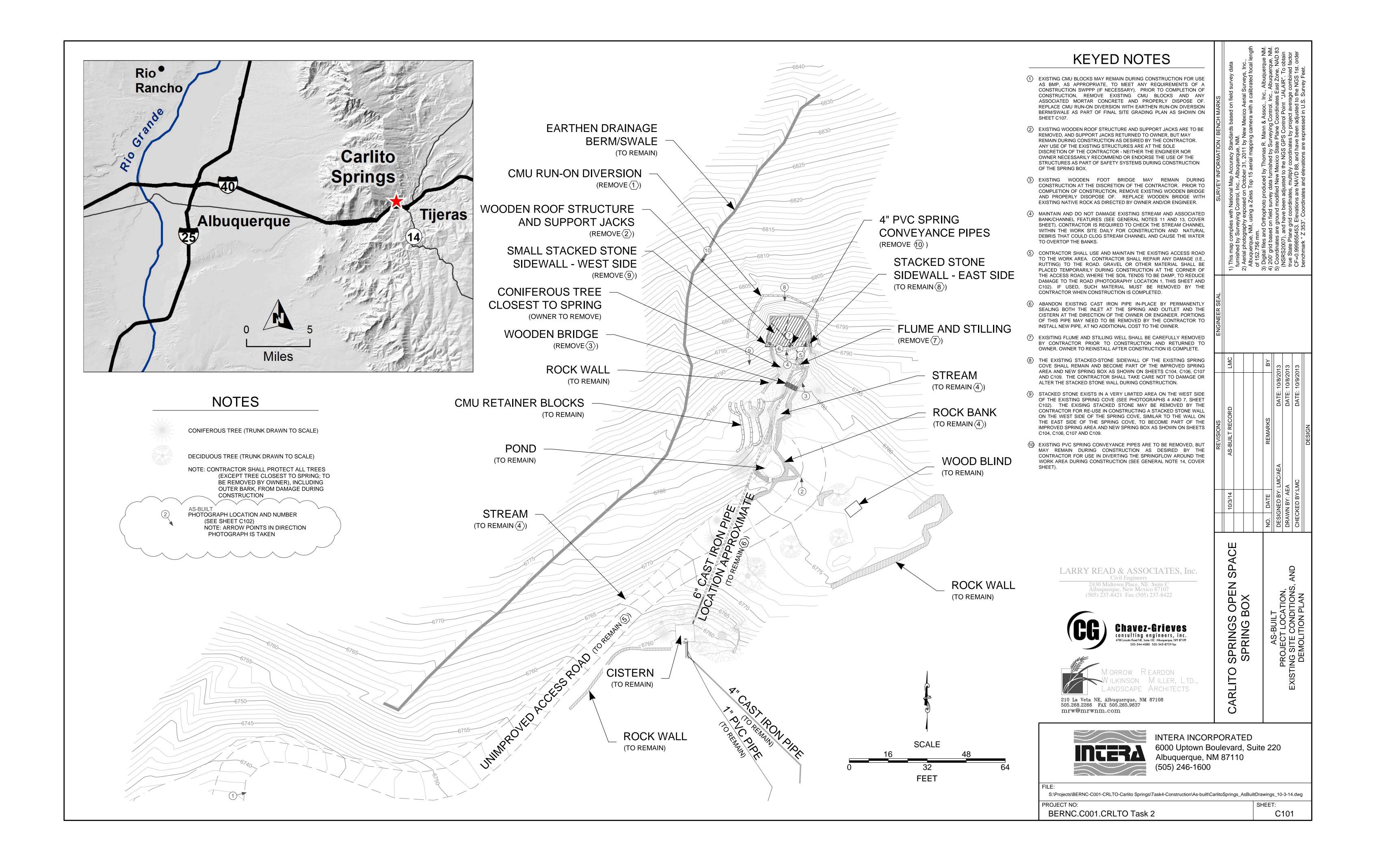
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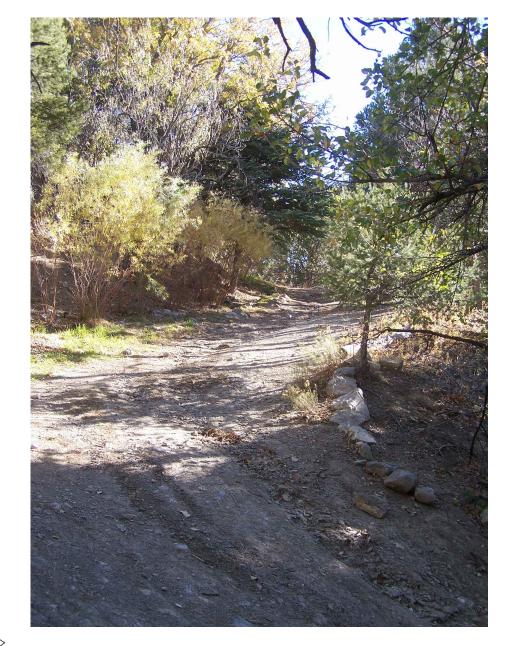
PROJECT NO:
SHEET:

BERNC.C001.CRLTO Task 2

COVER

CARLITO SPRINGS OPEN SPACE SPRING BOX	10/3/14	AS-BUILT RECORD	ENG!	ENGINEER SEAL	1) This map complies with National Map Accuracy Standards base furnished by Surveying Control, Inc., Albuquerque, NM. 2) Aerial photography exposed on October 31, 2011 by New Mexic Albuquerque, NM, using a Zeiss Top 15 aerial mapping camera of 152.756 mm.
	NO. DATE	REMARKS	ВУ		<ul> <li>Jugital files and Orthophoto produced by Thomas R. Mann &amp; As</li> <li>4) 200' grid based on field survey data furnished by Surveying Con</li> </ul>
H = 0	DESIGNED BY: LMC/AEA	DATE: 10/8/2013	13		5) Coordinates are ground modified New Mexico State Plane Coor
AS-BOIL!	DRAWN BY: AEA	DATE: 10/8/2013	13		(NSKSZUU/), and have been adjusted to the NGS GPS Control I true State Plane and coordinates. multiply coordinates by project
	CHECKED BY:LMC	DATE: 10/9/2013	13		CF=0.999855453. Elevations are NAVD 88, and have been adjusted in the control of
		DESIGN			benchmark " ∠ 353". Coordinates and elevations are expressed II





1. ACCESS ROAD TO SPRING.



2. IMPROVED SPRING.



3. IMPROVED SPRING.



IMPROVED SPRING AND PLUNGE POOL.



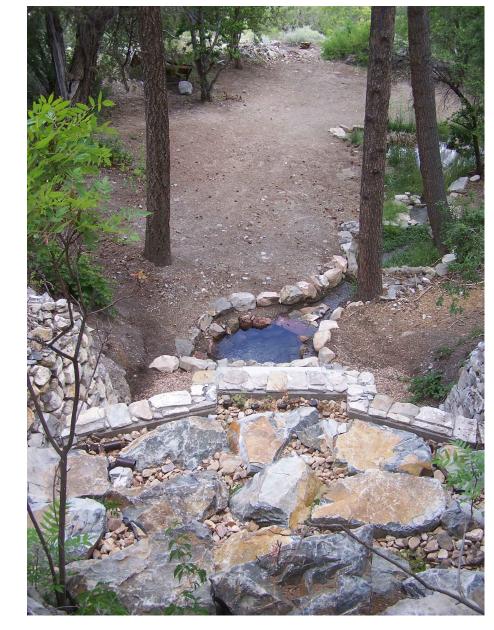
IMPROVED SPRING AND STACKED STONE SIDEWALL (EAST SIDE).



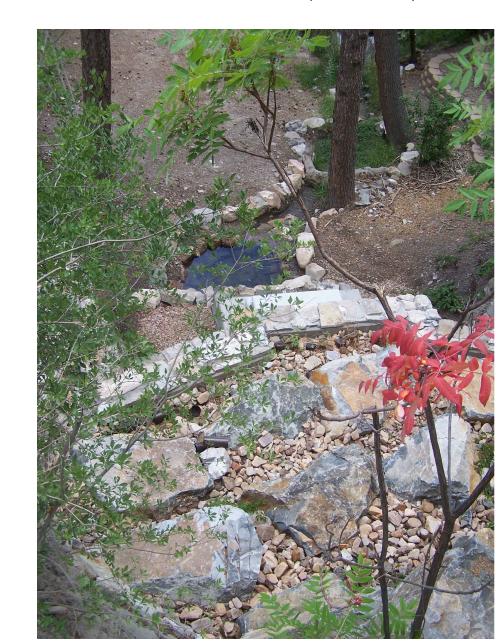
IMPROVED SPRING AND STACKED STONE SIDEWALL (WEST SIDE).



SPRING BOX AND PLUNGE POOL.



IMPROVED SPRING AND PLUNGE POOL



IMPROVED SPRING AND PLUNGE POOL.



EXISTING EARTHEN DRAINAGE BERM/SWALE.

**AS-BUILT** 

# NOTES

1. SEE SHEET C101 FOR PHOTO LOCATIONS.

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		10/3/14		NO. DATE	DESIGNED BY: LMC/AEA	DRAWN BY: AEA	CHECKED BY:LMC	
	REVISIONS	AS-BUILT RECORD		REMARKS	: LMC/AEA DATE: 10/8/2013	EA DATE: 10/8/2013	LMC DATE: 10/9/2013	DESIGN
	<b>3</b>	LMC		ВУ	3/2013	3/2013	3/2013	
	ENGINEER SEAL							
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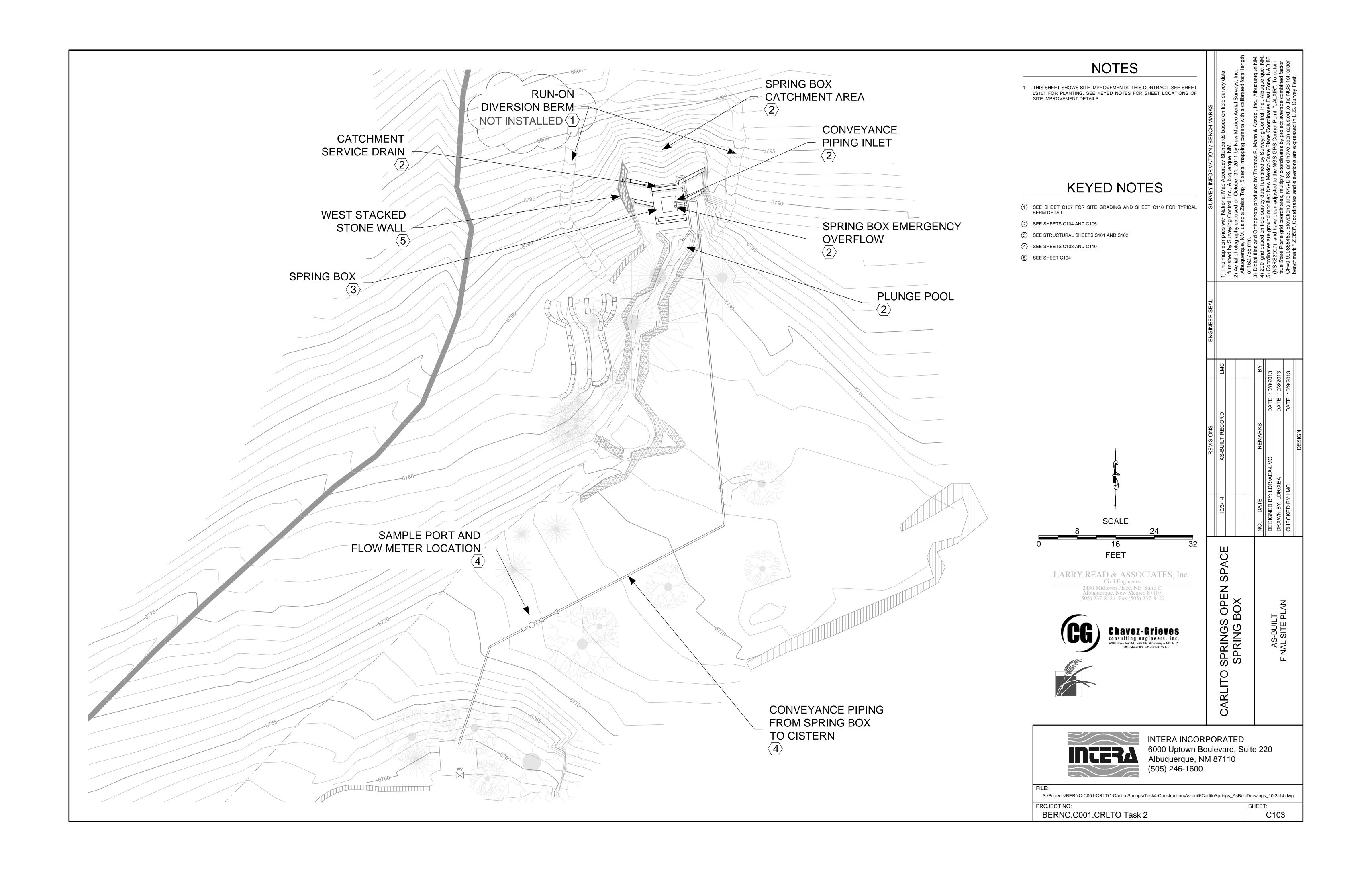


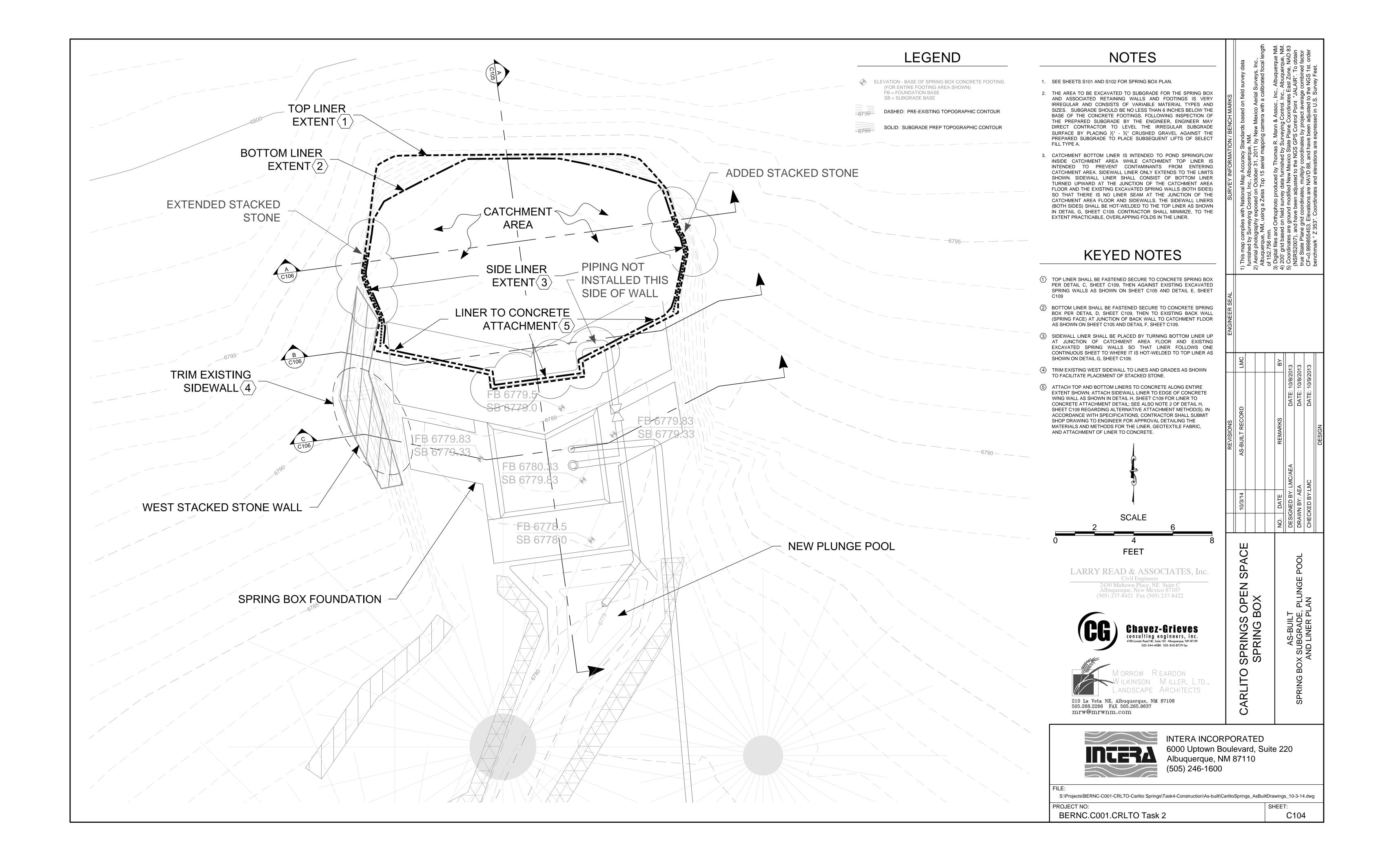


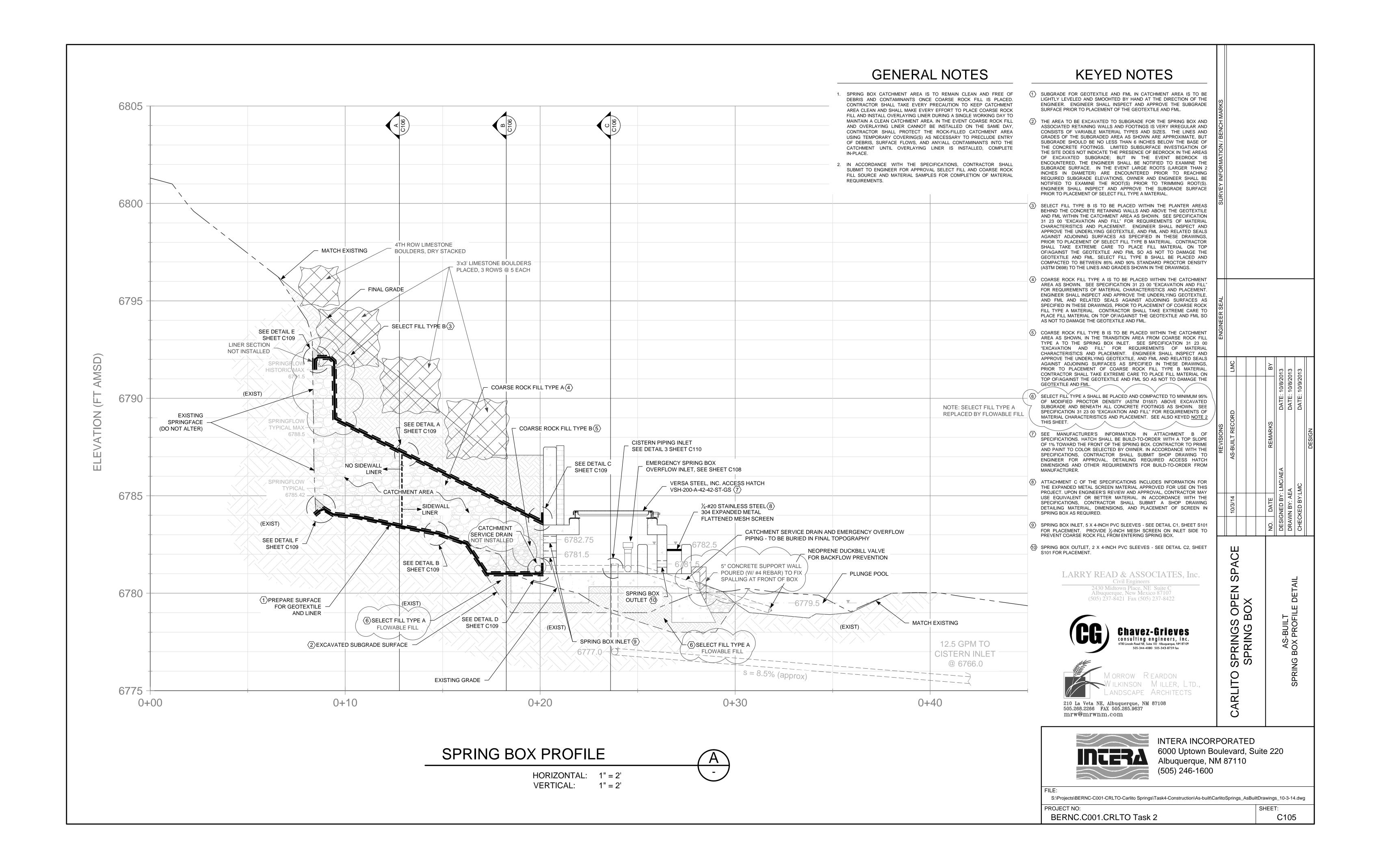


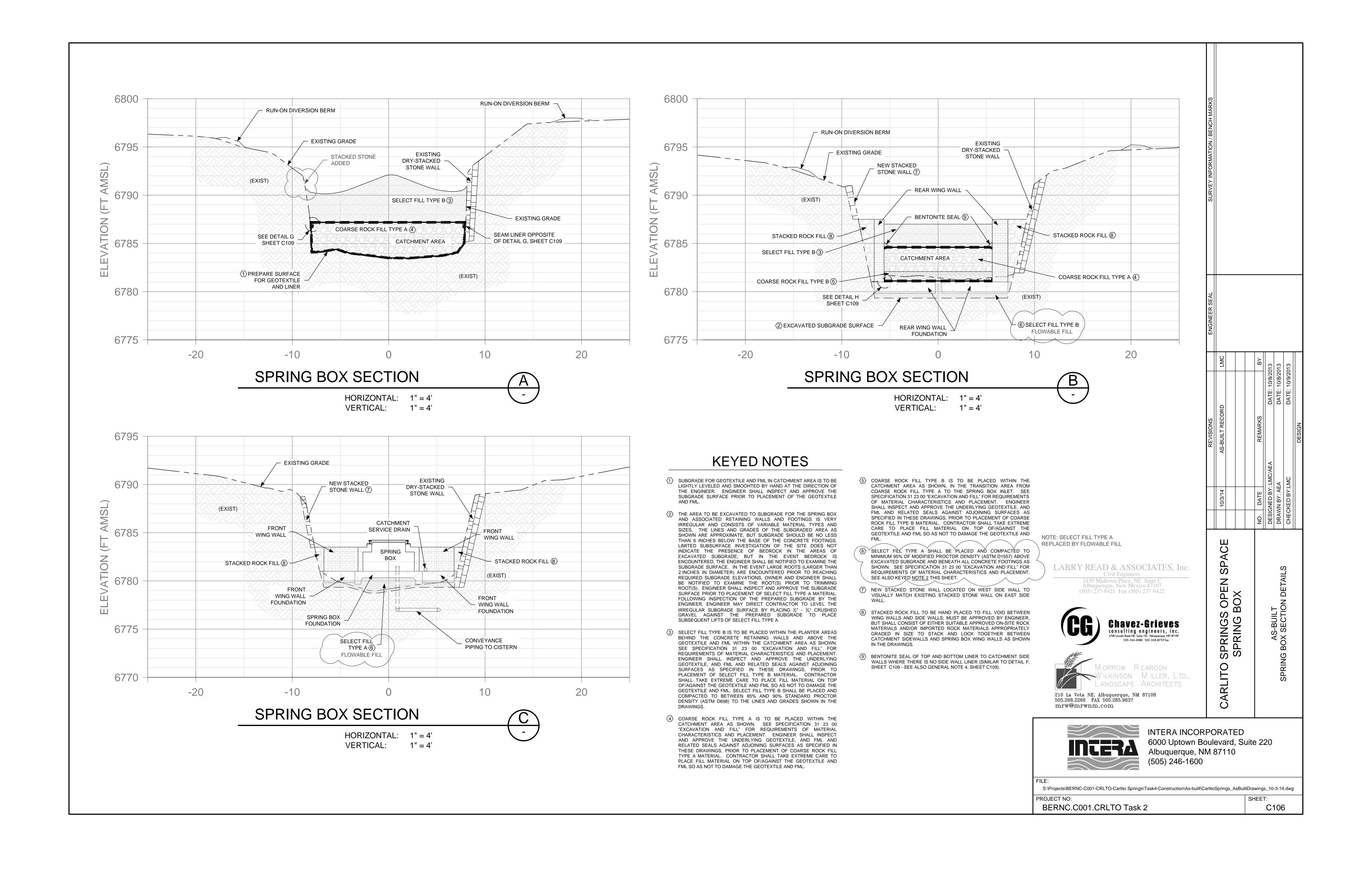
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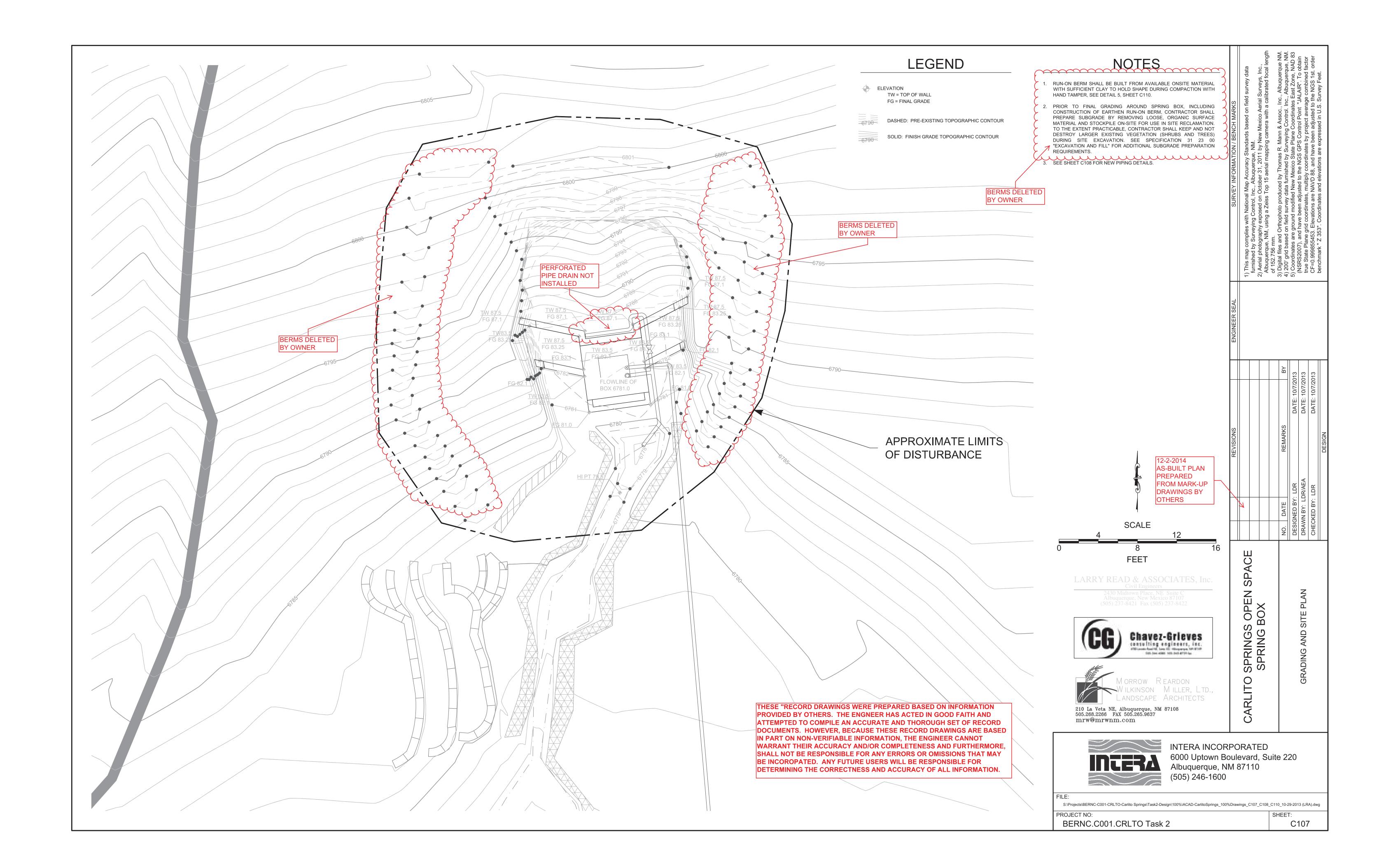
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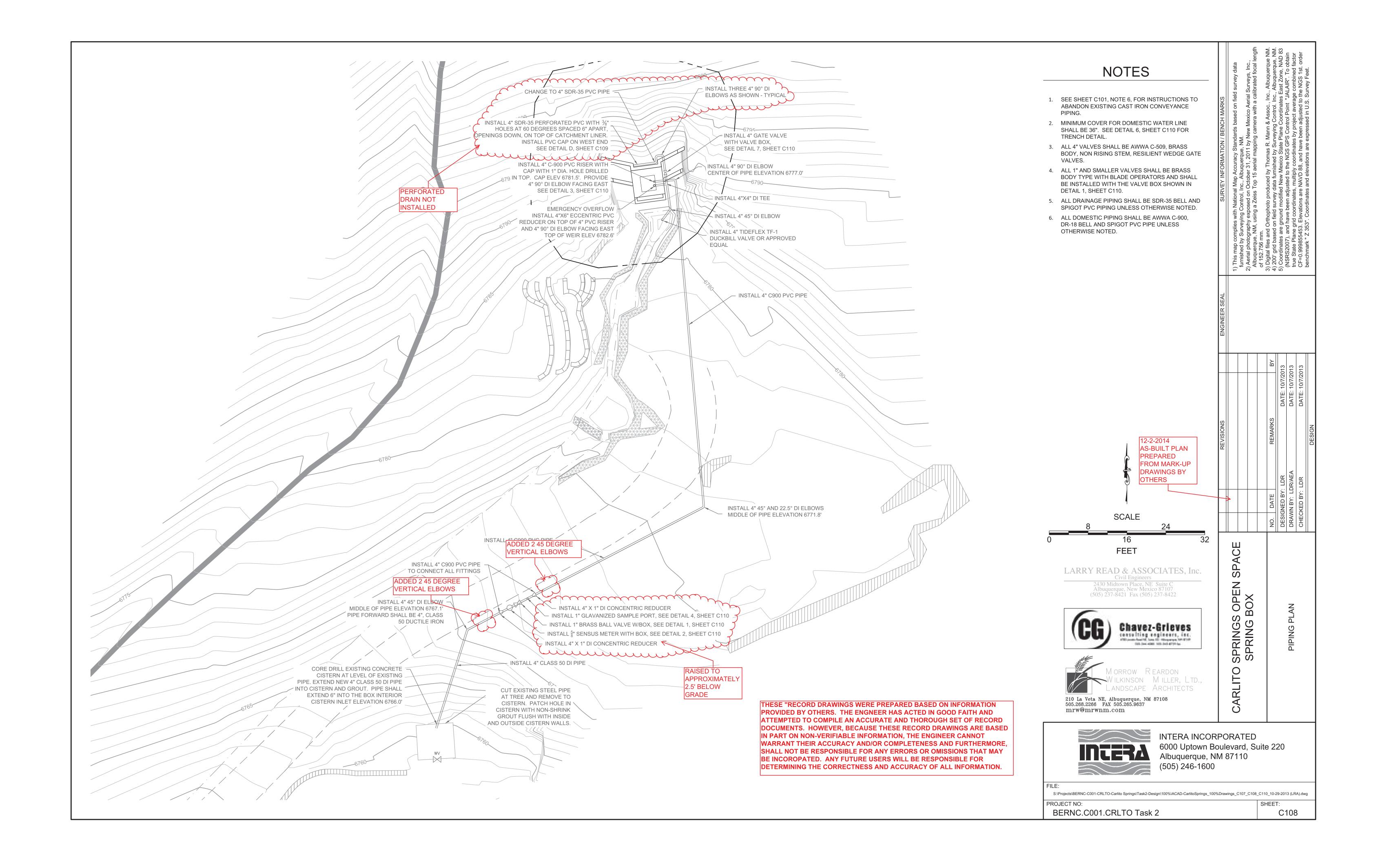


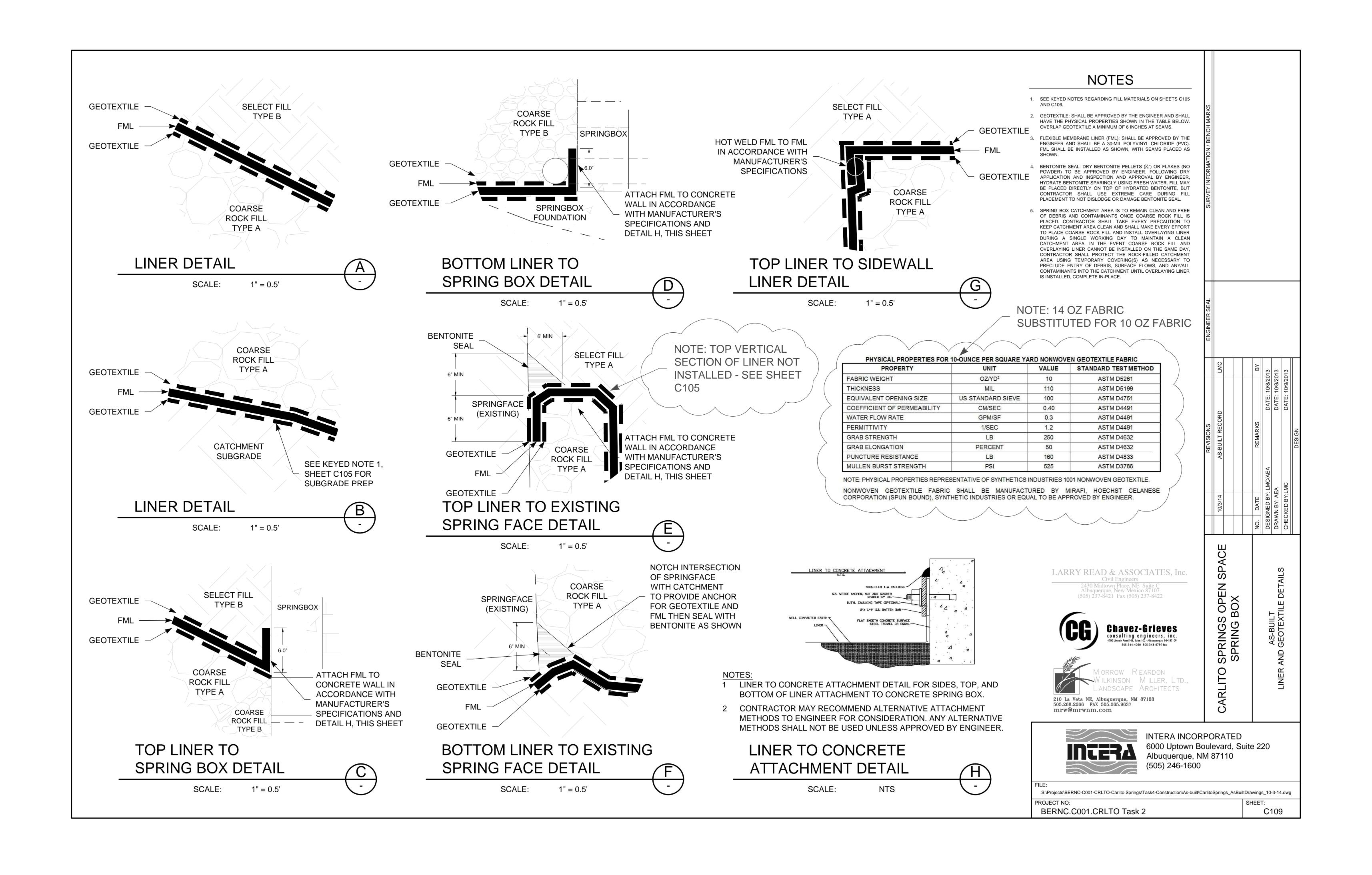


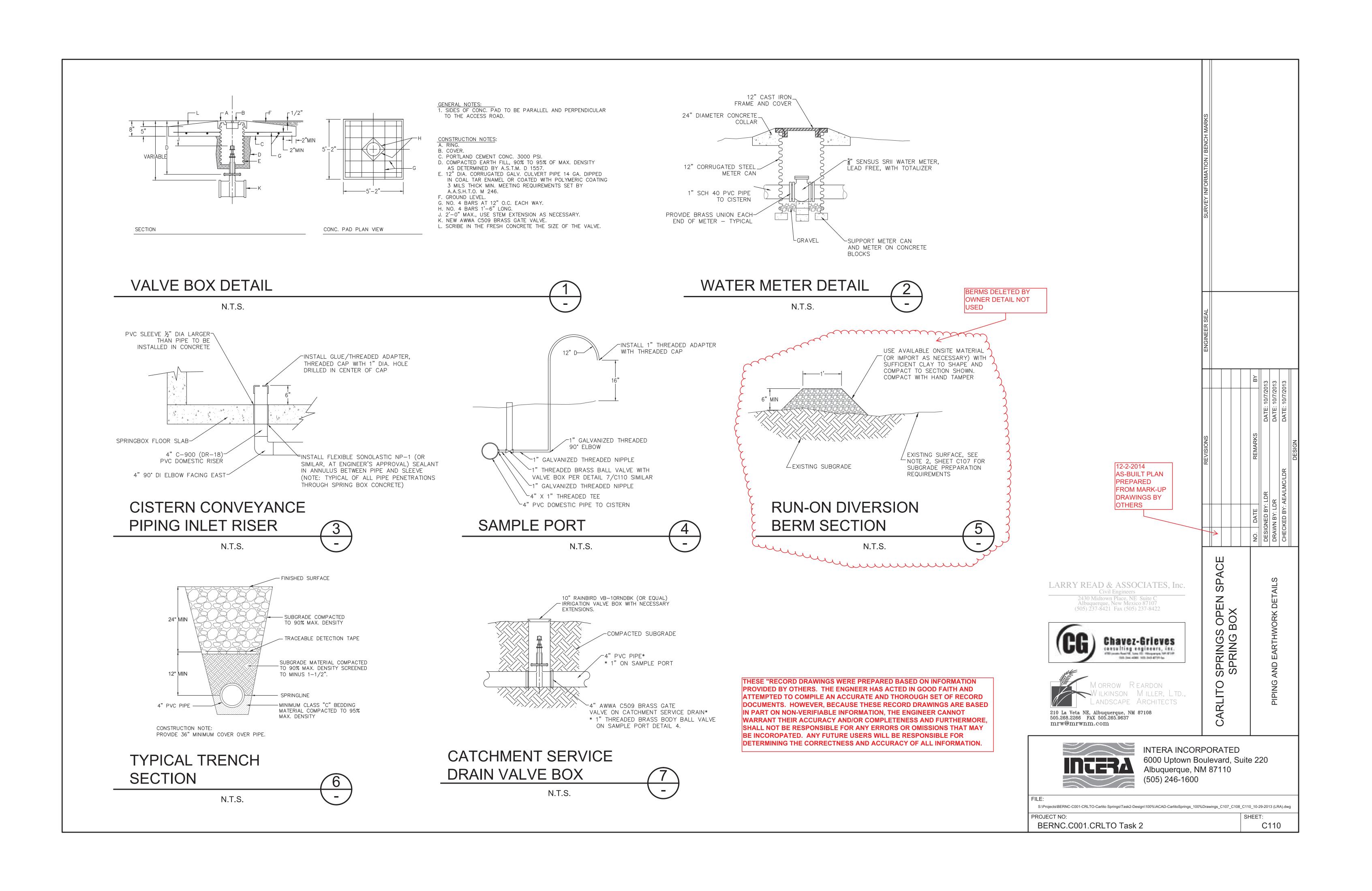












# STRUCTURAL GENERAL NOTES

#### CODES AND MANUALS:

IBC-09 INTERNATIONAL BUILDING CODE 2009 ASCE/SEI 7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES AISC 360-05 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS AISC 341-05 SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS AISC MANUAL OF STEEL CONSTRUCTION 13TH EDITION ACI 318-08 BUILDING CODE REQUIREMENTS FOR STRUCTURAL

ACI 530-08 BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES ACI 530.1-08 SPECIFICATIONS FOR MASONRY STRUCTURES

### DESIGN CRITERIA:

#### VERTICAL:

DW LOAD	
GROUND SNOW LOAD	PG=20 PSF
FLAT ROOF SNOW LOAD**	PF=25 PSF
SNOW EXPOSURE FACTOR	CE=1.0
SNOW LOAD IMPORTANCE FACTOR	IS=1.0
THERMAL FACTOR	CT=1.0
**INCLUDES 5 PSF RAIN-ON SNOW	SURCHARGE LOAD

#### HORIZONTAL:

BASIC WIND SPEED	90 MPH
WIND IMPORTANCE FACTOR	IW = 1.0
BUILDING CATEGORY	1
EXPOSURE	В
INTERNAL PRESSURE COEFFICIENT	GCPI=0.1

#### ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF.

STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, AND LANDSCAPE DRAWINGS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO THE SHOP DRAWINGS AND FIELD WORK.

COORDINATE DIMENSIONS OF ALL OPENINGS, BLOCKOUTS, ETC. WITH CIVIL AND LANDSCAPE DRAWINGS, DRAWINGS FROM OTHER DISCIPLINES, PROJECT SHOP DRAWINGS, AND FIELD CONDITIONS PRIOR TO SHOP DRAWING SUBMITTAL THE STRUCTURAL DRAWINGS ONLY REPRESENT A PORTION OF THE REQUIREMENTS FOR THE PROJECT.

#### THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD. SHOP DRAWINGS SHALL BE FURNISHED AND REVIEWED BEFORE ANY

FABRICATION OR ERECTION IS STARTED. THE CONTRACTOR SHALL REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER FOR REVIEW. POORLY EXECUTED SHOP DRAWINGS WILL BE REJECTED AND SHALL BE RESUBMITTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE SHORING FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION.

TEMPORARY PROVISIONS SHALL BE MADE FOR STRUCTURAL STABILITY DURING CONSTRUCTION. THE STRUCTURE SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR STABILITY UNDER FINAL CONFIGURATION.

NOTCHING OR CUTTING ANY STRUCTURAL MEMBER IN THE FIELD IS

#### BACKFILL SHALL NOT BE PLACED BEHIND RETAINING WALLS UNTIL CONCRETE HAS ATTAINED 100 PERCENT OF DESIGN STRENGTH.

REMOVAL OF FORMS AND SHORING SHALL BE IN ACCORDANCE WITH ACI 347. WHERE CONCRETE MUST SUPPORT SUPERIMPOSED LOADS PRIOR TO ATTAINING THE SPECIFIED DESIGN STRENGTH, RESHORE CONCRETE IN ACCORDANCE WITH ACI 347. RESHORING SHALL NOT BE REMOVED SOONER THAN 28 DAYS FROM THE DATE OF POUR OR UNTIL CONCRETE HAS ATTAINED THE SPECIFIED DESIGN STRENGTH.

THE CONTRACTOR SHALL SUBMIT FOR PRIOR APPROVAL THE END OF POUR LOCATIONS FOR CONCRETE SLABS, CONCRETE WALLS, OR CONCRETE FOUNDATIONS.

CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO ALL APPLICABLE STANDARDS SET FORTH BY OSHA.

#### DO NOT SCALE DRAWINGS.

WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. DETAILS ON DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. DETAILS NOTED "TYPICAL" APPLY TO ALL SIMILAR CONDITIONS. WHERE NO SPECIFIC DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ELSEWHERE ON THE PROJECT.

#### CAST-IN-PLACE CONCRETE:

UNLESS NOTED OTHERWISE.

ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR

STRUCTURAL CONCRETE, ACI 301-05. ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4" CHAMFER

#### NORMAL WEIGHT CONCRETE:

A. F'C = 4500 PSI @ 28 DAYS - ALL CONCRETE FLAT WORK (I.E. SLABS, FOOTINGS, RETAINING WALLS, ETC.).

USE AIR-ENTRAINING ADMIXTURE IN ALL CONCRETE, EXCEPT AIR ENTRAINMENT MAY BE OMITTED FROM CONCRETE TO RECEIVE A STEEL TROWEL FINISH. SEE SPECIFICATIONS FOR AIR CONTENT

THE CONTRACTOR SHALL NOT CAST FOUNDATIONS, STEM WALLS OR RETAINING WALLS AGAINST EXCAVATED VERTICAL SIDE SURFACES.

#### ALL CONCRETE EXPOSED TO GROUND SHALL BE MANUFACTURED WITH PORTLAND CEMENT TYPE II.

ALL REINFORCING STEEL SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-08), AND DETAILS AND DETAILING OF CONCRETE REINFORCEMENT (ACI 315-99).

ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.

ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60. TENSION AND COMPRESSION LAPS IN REINFORCING SHALL BE IN ACCORDANCE WITH ACI 318, CHAPTER 12. THE MINIMUM LAP SHALL

BE MADE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS:

#### CONTINUOUS CONCRETE FOOTINGS AND STEMWALLS ALL BARS 30 BAR DIAMETERS (18" MINIMUM)

## CONCRETE RETAINING WALLS AND ELEVATED SLABS

VERTICAL BARS NO. 6 BARS AND SMALLER 57 BAR DIAMETERS NO. 7 BARS AND LARGER 72 BAR DIAMETERS HORIZONTAL BARS 30 BAR DIAMETERS

ALL BARS (18" MINIMUM) SLABS-ON-GRADE 30 BAR DIAMETERS ALL BARS

ALL HORIZONTAL REINFORCING IN FOOTINGS, WALLS AND BEAMS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE BENT (CORNER) BARS OF THE SAME SIZE AND SPACING AS THE HORIZONTAL BARS AND LAP 30 BAR DIAMETERS (24" MINIMUM).

(18" MINIMUM)

#### CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED: A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO

B. CONCRETE CAST AGAINST FORMS BUT EXPOSED TO EARTH OR BARS LARGER THAN NO. 5: 2" BARS NO. 5 OR SMALLER: 1 1/2" C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: COLUMNS, GIRDERS AND BEAMS:

STRUCTURAL SLABS, WALLS AND JOISTS (NO. 11 AND SMALLER): 3/4" FORM TIES SHALL BE EITHER OF THE THREADED OR SNAP-OFF TYPE SO THAT NO METAL WILL BE LEFT WITHIN 1 INCH OF THE SURFACE OF THE WALL. FOLLOWING REMOVAL OF FORM TIES, RECESSES ARE TO BE

CAREFULLY FILLED AND POINTED WITH MORTAR. REINFORCING SHALL NOT BE TACK WELDED OR WELDED IN ANY MANNER UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS.

BAR SUPPORTS AND SPACERS FOR REINFORCING SHALL BE PROVIDED IN ACCORDANCE WITH ACI 315-99. REINFORCING SHALL BE SECURELY TIED TO SUPPORTS.

CHAIRS WITH 22 GAGE SAND PLATES OR PRECAST BLOCKS SHALL BE PROVIDED FOR ALL REINFORCING OF CONCRETE IN CONTACT WITH

#### STRUCTURAL AND MISCELLANEOUS STEEL:

ALL STRUCTURAL STEEL SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH THE AISC "SPECIFICATION FOR STRUCTURAL STEEL ALL MISCELLANEOUS STEEL MEMBERS, SUCH AS CHANNELS, ANGLES, FLAT BARS, AND PLATES SHALL CONFORM TO ASTM A36 UNLESS

ALL WELDING SHALL BE DONE IN ACCORDANCE WITH THE LATEST STANDARDS OF THE AWS STRUCTURAL WELDING CODE.

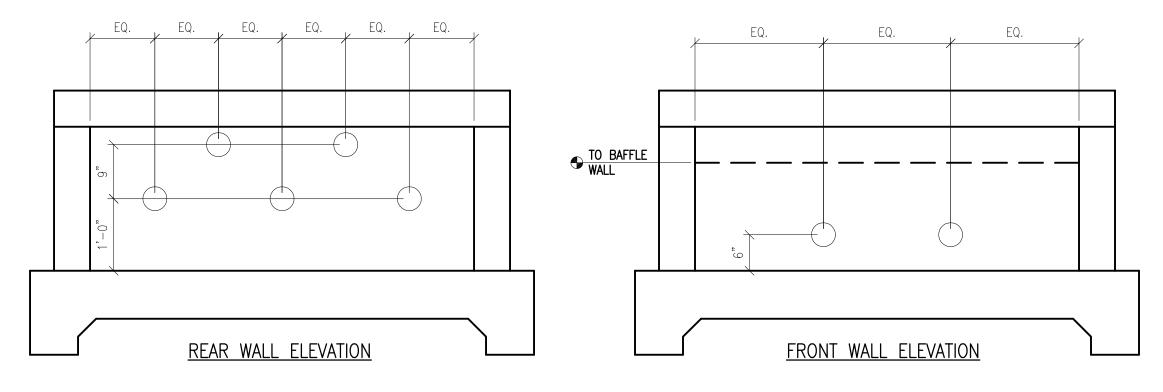
# VENEER:

NOTED OTHERWISE.

FOR STONE VENEER (5" MAXIMUM IN THICKNESS) ATTACHMENT TO STRUCTURAL CONCRETE, PROVIDE ADJUSTABLE ANCHOR TIES. ADJUSTABLE ANCHOR TIES SHALL BE CORROSION RESISTANT AND HAVE A TWO PINTLE LEGS MINIMUM WITH A MINIMUM W2.8 (3/16") WIRE. ATTACH TO CONCRETE WITH 2-1/4" DIAMETER CONCRETE SCREWS, HILTI KWIKCON 11 x 1 1/2" OR APPROVED EQUAL.

SEE TYPICAL DETAILS ON SHEET S101 FOR TIE SPACING.

COORDINATE LOCATION OF VENEER WITH LANDSCAPE DRAWINGS.



SLEEVE PLACEMENT ELEVATION SCALE: NO SCALE

6'-4"

5'-0"

# GENERAL NOTES

COORDINATE PIPE PENETRATIONS IN AND OUT OF CONCRETE SPRING BOX WITH CIVIL DRAWINGS.

# **KEYED NOTES**

1. WEEP HOLE PIPE SEE A3/S101.

THESE RECORD DRAWINGS HAVE BEEN PREPARED FROM INFORMATION SUPPLIED BY THE CONTRACTOR AND SHALL NOT BE CONSTRUED AS A CERTIFICATION OF ACTUAL CONDITIONS BY THE ENGINEER.

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SP SPRINGS OPEN SPRING BOX AS-BUIL®

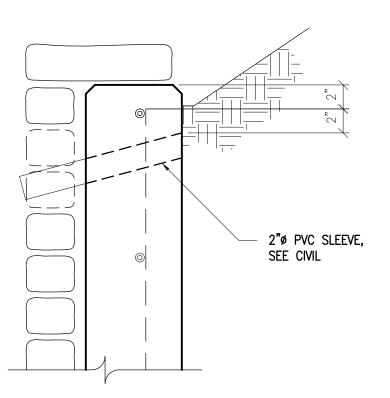
**S101** 



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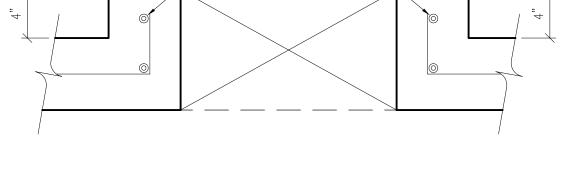
BERNC.C001.CRLTO Task 2



TYPICAL WEEP HOLE DETAIL



SCALE:  $1 \frac{1}{2} = 1' - 0''$ 



OPNG SEE PLAN

- #4 CONT W/ BARS

AROUND CORNERS

\ S102

SPRING BOX FOUNDATION PLAN

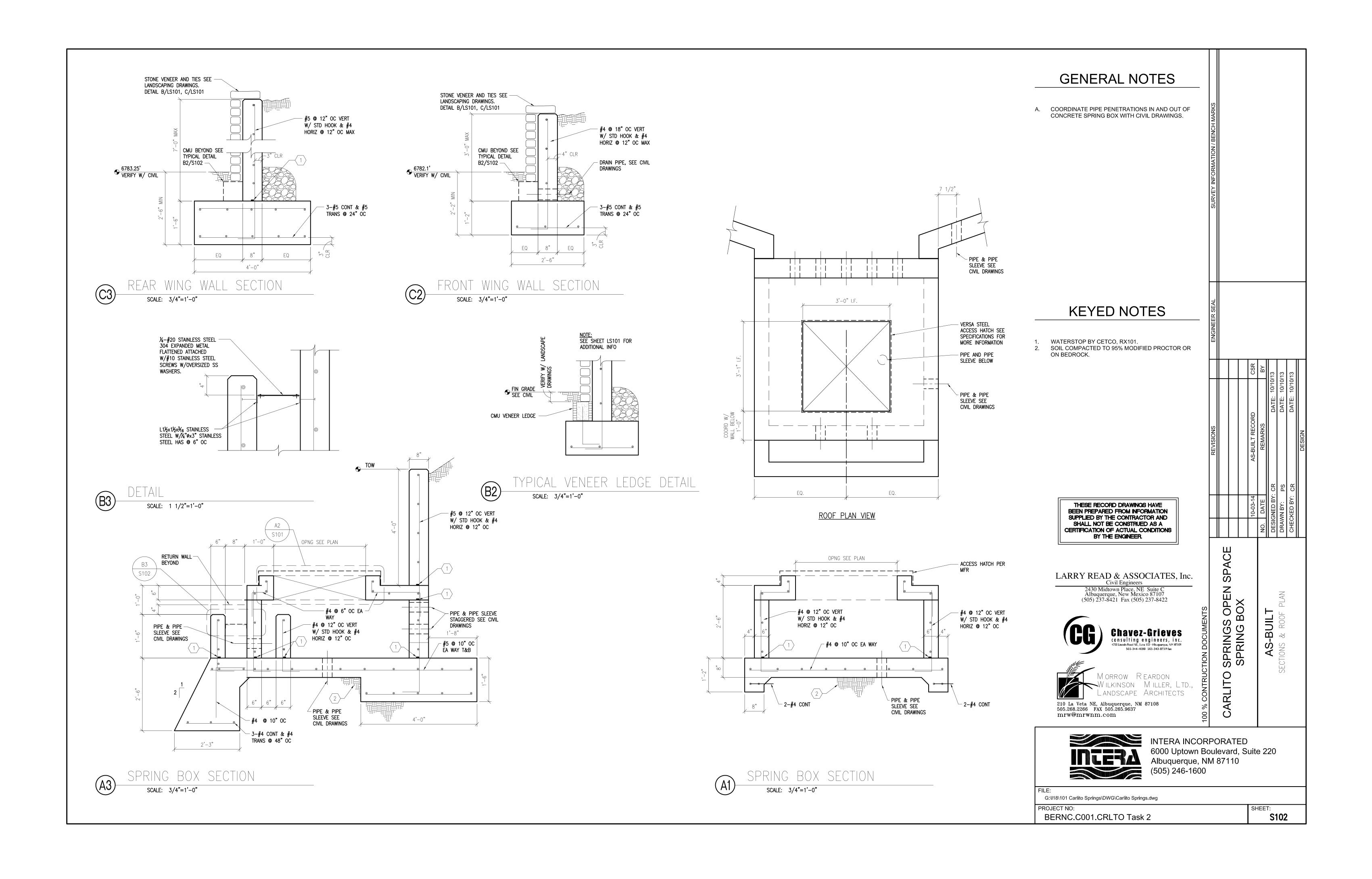
¾" CHAMFER, TYP-

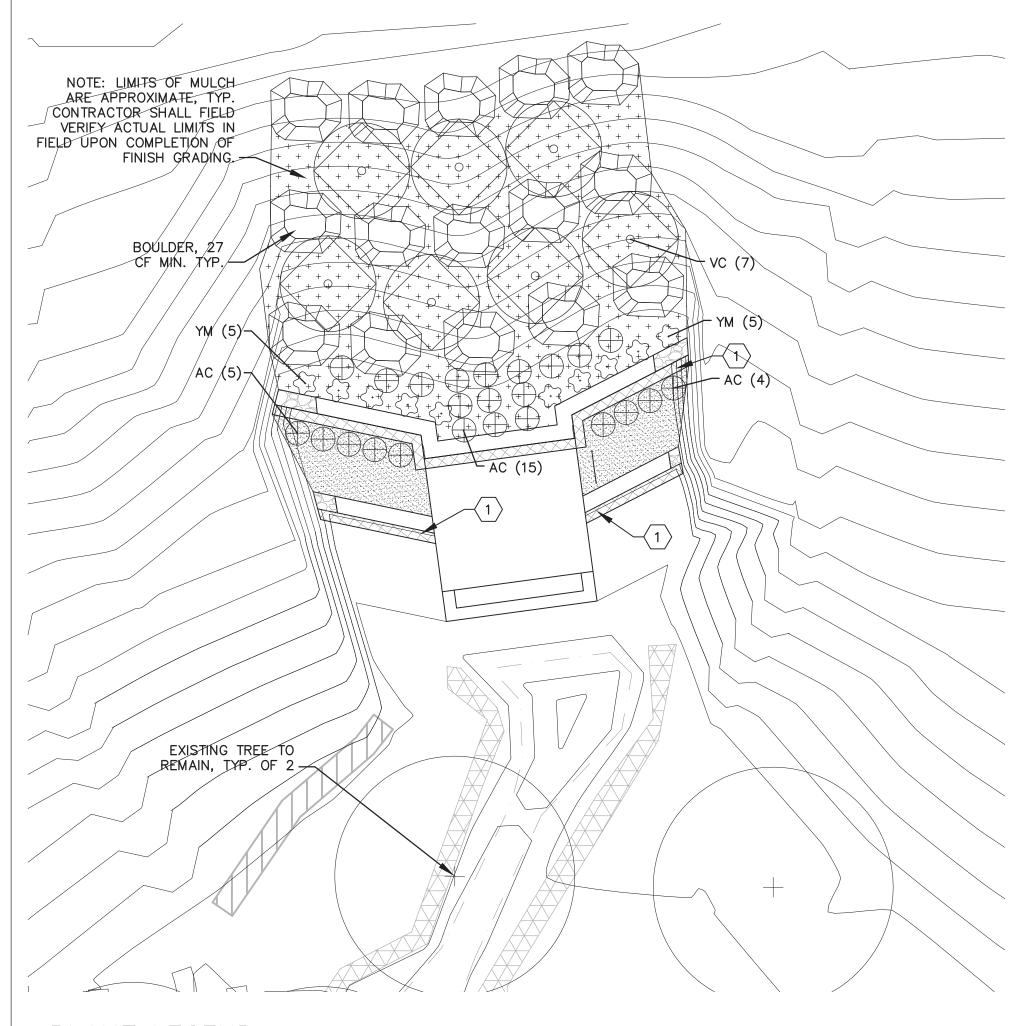
SCALE: 1/4"=1'-0"

SCALE: 3/4"=1'-0"

PROJECT NO:

SHEET:





# PLANT LEGEND

KEY	COMMON NAME	BOTANICAL NAME	QTY	INSTALLED SIZE	REMARKS
AC	COLUMBINE	AQUILEGIA CHRYSANTHA	24	MIN. 12" HT.	1 GALLON
VC	VIRGINIA CREEPER	PARTHENOCISSUS QUINQUEFOLIA	7	MIN. 18" SPD.	1 GALLON
YM	YERBA MANSA	ANEMOPSIS CALIFORNICA	10	MIN. 12" SPD.	1 GALLON

# HATCH LEGEND

 $_{+}$   $_{+}$ 

" ANGULAR GRAVEL MULCH, BUILDOLOGY BROWN.

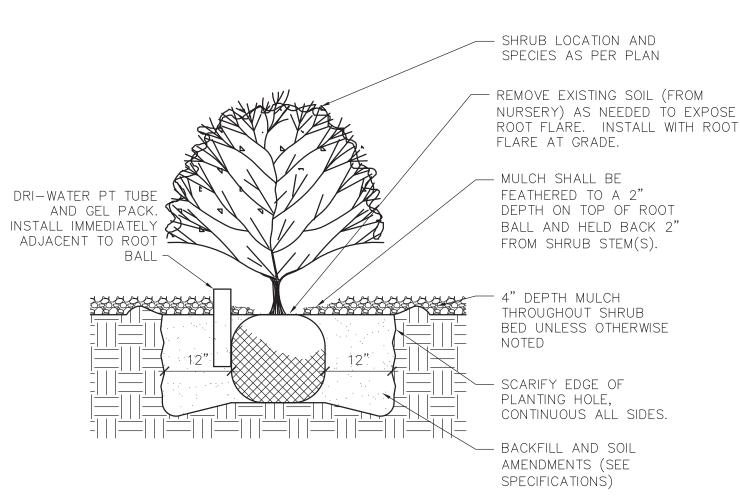
2. SHRUBS SHALL BE INSTALLED PER DETAIL A/LS101.

# PLANTING NOTES

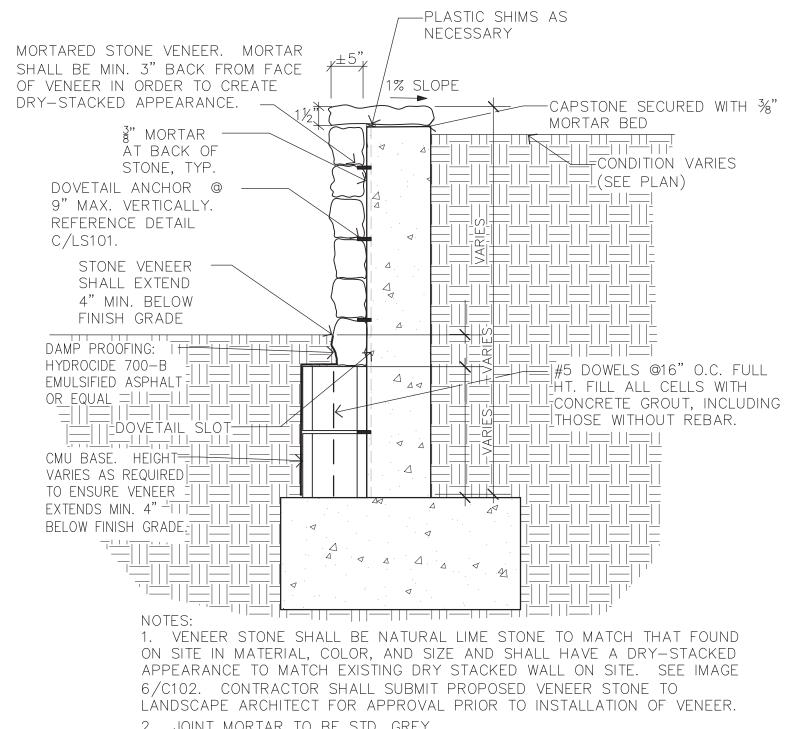
- 1. GRAVEL MULCH SHALL BE INSTALLED AT A 4" DEPTH OVER FILTER FABRIC, FILTER FABRIC SHALL BE MIN. 4 OZ. NON-WOVEN NEEDLE PUNCHED POLYPROPYLENE (MIRAFI 140N OR EQUIVALENT). OVERLAP ENDS 3", TURN DOWN EDGES 6". THE TOP OF MULCH SHALL BE 1" BELOW TOP OF ADJACENT CONCRETE SURFACES.
- 3. IF THERE IS A DISCREPANCY IN THE FIELD OR NURSERY BETWEEN THE CONTAINER SIZE CALLED OUT UNDER "REMARKS" AND HEIGHT & SPREAD CALLED OUT UNDER "SIZE", THE SPECIFIED PLANT MUST MEET HEIGHT & SPREAD REQUIREMENTS SPECIFIED UNDER "SIZE", EVEN IF A LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS, AT NO ADDITIONAL COST TO THE OWNER.
- 4. PLANTS SHALL BE IRRIGATED WITH DRI-WATER GEL WATERING SYSTEM. CONTRACTOR SHALL INSTALL ONE DRI-WATER PT DELIVERY SYSTEM AT EACH PLANT. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING DRI-WATER GEL TO PLANTS DURING WARRANTY PERIOD.
- 5. ALL TREES NOT INDICATED TO BE REMOVED SHALL REMAIN (TYP.) CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING TREES TO REMAIN FROM DAMAGE BY DEMOLITION AND CONSTRUCTION OPERATIONS. ANY TREE DAMAGED BY DEMOLITION OR CONSTRUCTION OPERATIONS SHALL BE REPLACED WITH A TREE OF THE SAME SPECIES AND SIZE. IF SIZE OF EXISTING TREE IS NOT AVAILABLE CONTRACTOR SHALL REPLACE WITH A 2" CAL. TREE (DECIDUOUS) OR 6' HT. TREE (EVERGREEN) AND SHALL PROVIDE A CREDIT TO THE OWNER FOR THE MONETARY DIFFERENCE IN VALUE.

# EYED NOTES

1. INSTALL STONE VENEER ON CONCRETE WING WALL. STONE USED FOR VENEER SHALL BE NATURAL LIMESTONE TO MATCH THAT FOUND ON SITE IN SIZE AND COLOR AS AVAILABLE FROM SKYLINE GROUP SERVICES AND WHOLESALE LLC (CONTACT WENDELL WILLIAMS - (505)-903-3561). SEE STRUCTURAL PLANS AND DETAILS B/LS101 AND C/LS101.

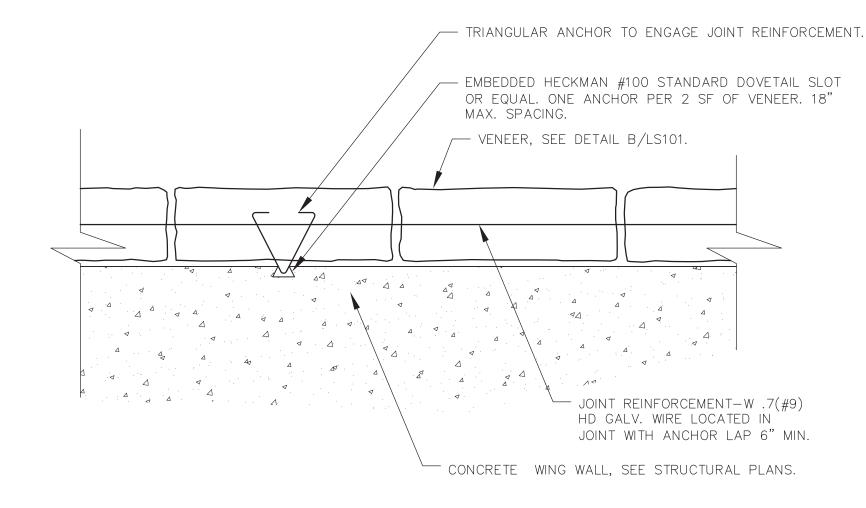






2. JOINT MORTAR TO BE STD. GREY.

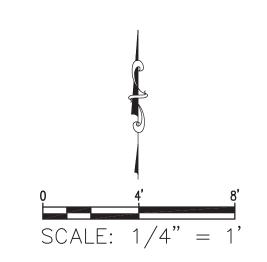




VENEER PLAN VIEW

#### RECORD DRAWINGS OCTOBER 2014

This set of Record Documents consists of corrected plans showing the reported location of the work, conforming to the construction records provided by the Contractor. While the information submitted by the Contractor and incorporated by the Landscape Architect into the Record Documents is assumed to be reliable, the Landscape Architect has not verified the accuracy and/or completeness of the information and shall not be responsible for any errors or omissions which may be incorporated herein as a result. Those relying on these Record Documents are advised to obtain independent verification of their accuracy before applying it for any purpose.



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FILE:

PROJECT NO: BERNC.C001.CRLTO Task 2

SHEET: LS101

AS-BUILT AN AND VENEER [